

CLAIMS

1. An interdental brush comprising:

bristles 11;

a wire 12 with which the bristles 11 are twisted; and

5 a handle 13 attached to the wire, wherein

the handle 13 is composed of a main body 21 and a sub-body 22,

the main body 21 is provided with a longitudinal hole 41 into which
a base part of the wire 12 is inserted, and a lateral hole 43 intersecting the
longitudinal hole 41,

10 the base part of the wire 12 is provided with a coming-off preventing
bent portion 51 formed so as to be exposed to the lateral hole 43, and

the sub-body 22 is provided with an engagement portion 52 filling
the lateral hole 43 so as to surround a periphery of the bent portion 51.

15 2. The interdental brush as claimed in claim 1, wherein a part of a
surface of the main body 21 is covered with the sub-body 22, and
discrimination properties of the main body 21 and the sub-body 22 are
different to each other.

20 3. The interdental brush as claimed in claim 2, wherein the main
body 21 and the sub-body 22 are made of synthetic resin.

4. The interdental brush as claimed in claim 2, wherein a
difference in the discrimination properties results from at least one of color,
25 gloss and material.

5. The interdental brush as claimed in claim 1, wherein the main body 21 comprises a shoulder part 31, a tail part 33 and a barrel part 32 communicating the shoulder part 31 and the tail part 33 via a low step,
5 the lateral hole 43 is positioned in the barrel part 32,
the sub-body 22 covers the barrel part 32, and
boundaries between surfaces of the shoulder part 31 and the tail part 32 and a surface of the sub-body 22 adjacent thereto are flush with each other.

10 6. The interdental brush as claimed in claim 2, wherein the main body 21 comprises a shoulder part 31, a tail part 33 and a barrel part 32 communicating the shoulder part 31 and the tail part 33 via a low step,
the lateral hole 43 is positioned in the barrel part 32,
15 the sub-body 22 covers the barrel part 32, and
boundaries between surfaces of the shoulder part 31 and the tail part 32 and a surface of the sub-body 22 adjacent thereto are flush with each other.

20 7. The interdental brush as claimed in claim 3, wherein the main body 21 comprises a shoulder part 31, a tail part 33 and a barrel part 32 communicating the shoulder part 31 and the tail part 33 via a low step,
the lateral hole 43 is positioned in the barrel part 32,
the sub-body 22 covers the barrel part 32, and
25 boundaries between surfaces of the shoulder part 31 and the tail

part 32 and a surface of the sub-body 22 adjacent thereto are flush with each other.

8. The interdental brush as claimed in claim 4, wherein the main
5 body 21 comprises a shoulder part 31, a tail part 33 and a barrel part 32 communicating the shoulder part 31 and the tail part 33 via a low step, the lateral hole 43 is positioned in the barrel part 32, the sub-body 22 covers the barrel part 32, and boundaries between surfaces of the shoulder part 31 and the tail
10 part 32 and a surface of the sub-body 22 adjacent thereto are flush with each other.

9. A method of producing an interdental brush comprising the steps of:
15 forming, by primary resin molding, a main body 21 of a handle 13 having a longitudinal hole 41 and a lateral hole 43 intersecting the longitudinal hole 41; inserting a base part of a wire 12, with which bristles 11 are twisted, into the longitudinal hole 41 so as to be exposed to the lateral hole 43;
20 forming a coming-off preventing bent portion 51 at the base part of the wire 12 via the lateral hole 43; and forming, by secondary resin molding, a sub-body 22 of the handle 13 such that a part thereof fills the lateral hole 43 so as to surround a periphery of the bent portion 51.

10. The method of producing the interdental brush as claimed in claim 9, wherein the step of forming the bent portion 51 is performed by inserting a rod-shaped jig J into the lateral hole 43 and pressing a tip part of the jig J onto a to-be-bent portion of the base part of the wire 12.

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11. The method of producing the interdental brush as claimed in claim 9, wherein the same material is used in the primary resin molding and the secondary resin molding.

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12. The method of producing the interdental brush as claimed in claim 10, wherein the same material is used in the primary resin molding and the secondary resin molding.